

**In the Claims:**

1. (currently amended) A system for nonlinear viewing of television segments comprising:  
a television broadcast transmitter including means for generating and transmitting main television signals and separate ancillary television signals with a separate television show segment related to said main television signals;  
a television receiver system for receiving said main television signals and for receiving and storing in a cache memory the ancillary television signals including the separate television show segment; and  
selective means at the television receiver for providing either the main television signals or the ancillary television signals with the separate television show segment to a display of said television receiver.
2. ( original) The system of Claim 1 including means for generating an icon on a television receiver display indicating the presence of the stored ancillary signals and means at the television receiver for accessing said stored ancillary signal in said cache memory using said icon.
3. (original) The system of Claim 1 wherein said ancillary signal is broadcasted in the vertical blanking interval of the main signal and said receiver receives the ancillary signal during the vertical blanking interval.
4. (original) The system of claim 1 wherein said television signals are transmitted over a digital television channel subdivided into several subchannels of multiplexed signals and wherein one of said subchannels contains said main television signals and the other subchannels provide the ancillary signals.

5. (original) The system of Claim 4 wherein said main subchannel carries the control data for commands for updating by removing old subchannel segments and storing new ones.

6. (previously amended) The system of Claim 1 wherein said separate ancillary television signal contains short television signal segments related to the main signals and said cache stores said segments and said main signals and contains control data providing means for removing and storing said segments and said receiver system includes means responsive to said control data for storing said segments and removing said short segments from said cache memory.

7. (original) The system of Claim 1 wherein said ancillary signals include ancillary and command and control signals.

8. (original) The system of Claim 7 wherein said main signals are data compressed signals and said ancillary signals are in the sideband channels between said main signals.

9. (original) The system of Claim 1 wherein said main signals are data compressed segments and the ancillary signals are in the sidebands between said main signals.

10. (original) The system of Claim 1 wherein said main signals and ancillary signals are different parts of a high definition television channel.

11. (original) The system of Claim 10 including means for switching between high definition television channel and one standard television channel and an ancillary channel.

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